

# SEQUENCE LISTING

<110> Neil H. Riordan

<120> METHOD AND COMPOSITION FOR PREVENTING OR  
REDUCING EDEMA, DEEP VEIN THROMBOSIS AND/OR PULMONARY EMBOLISM

<130> AIDAN.005A

<140> unknown

<141> 2003-08-22

<150> 60/468948

<151> 05/07/03

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 274

<212> PRT

<213> Bacillus Subtilis

<400> 1

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Ser	Gly	Ile	Asp	Ser	Ser	His	Pro	Asp	Leu	Asn	Val	Arg	Gly	Gly	Ala
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Ser	Phe	Val	Pro	Ser	Glu	Thr	Asn	Pro	Tyr	Gln	Asp	Gly	Ser	Ser	His
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Gly	Thr	His	Val	Ala	Gly	Thr	Ile	Ala	Ala	Leu	Asn	Asn	Ser	Ile	Gly
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Val	Leu	Gly	Val	Ala	Pro	Ser	Ala	Ser	Tyr	Ala	Val	Lys	Val	Leu	Asp
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Ser	Thr	Gly	Ser	Gly	Gln	Tyr	Ser	Trp	Ile	Ile	Asn	Gly	Ile	Glu	Trp
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Ala	Ile	Ser	Asn	Asn	Met	Gly	Val	Ile	Asn	Met	Ser	Leu	Gly	Gly	Pro
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Ser	Ser	Thr	Val	Gly	Tyr	Pro	Ala	Lys	Tyr	Pro	Ser	Thr	Ile	Ala	Val
				165					170					175	
Gly	Ala	Val	Asn	Ser	Ser	Asn	Gln	Arg	Ala	Ser	Phe	Ser	Ser	Ala	Gly
		180						185					190		
Ser	Glu	Leu	Asp	Val	Met	Ala	Pro	Gly	Val	Ser	Ile	Gln	Ser	Thr	Leu
	195						200						205		
Pro	Gly	Gly	Thr	Tyr	Gly	Ala	Tyr	Asn	Gly	Thr	Ser	Met	Ala	Thr	Pro
	210					215					220				
His	Val	Ala	Gly	Ala	Ala	Ala	Leu	Ile	Leu	Ser	Lys	His	Pro	Thr	Trp
225					230					235					240

Thr Asn Ala Gln Val Arg Asp Arg Leu Glu Ser Thr Ala Thr Tyr Leu  
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Ala Gln

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<212> PRT  
<213> Bacillus Subtilis

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Ser Ser Thr Glu Lys Lys Tyr Ile Val Gly Phe Lys Gln Thr Met Ser  
35 40 45  
Ala Met Ser Ser Ala Lys Lys Lys Asp Val Ile Ser Glu Lys Gly Gly  
50 55 60  
Lys Val Gln Lys Gln Phe Lys Tyr Val Asn Ala Ala Ala Thr Leu  
65 70 75 80  
Asp Glu Lys Ala Val Lys Glu Leu Lys Lys Asp Pro Ser Val Ala Tyr  
85 90 95  
Val Glu Glu Asp His Ile Ala His Glu Tyr Ala Gln Ser Val Pro Tyr  
100 105 110  
Gly Ile Ser Gln Ile Lys Ala Pro Ala Leu His Ser Gln Gly Tyr Thr  
115 120 125  
Gly Ser Asn Val Lys Val Ala Val Ile Asp Ser Gly Ile Asp Ser Ser  
130 135 140  
His Pro Asp Leu Asn Val Arg Gly Gly Ala Ser Phe Val Pro Ser Glu  
145 150 155 160  
Thr Asn Pro Tyr Gln Asp Gly Ser Ser His Gly Thr His Val Ala Gly  
165 170 175  
Thr Ile Ala Ala Leu Asn Asn Ser Ile Gly Val Leu Gly Val Ala Pro  
180 185 190  
Ser Ala Ser Leu Tyr Ala Val Lys Val Leu Asp Ser Thr Gly Ser Gly  
195 200 205  
Gln Tyr Ser Trp Ile Ile Asn Gly Ile Glu Trp Ala Ile Ser Asn Asn  
210 215 220  
Met Asp Val Ile Asn Met Ser Leu Gly Gly Pro Thr Gly Ser Thr Ala  
225 230 235 240  
Leu Lys Thr Val Val Asp Lys Ala Val Ser Ser Gly Ile Val Val Ala  
245 250 255  
Ala Ala Ala Gly Asn Glu Gly Ser Ser Gly Ser Thr Ser Thr Val Gly  
260 265 270  
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275 280 285  
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290 295 300  
Met Ala Pro Gly Val Ser Ile Gln Ser Thr Leu Pro Gly Gly Thr Tyr  
305 310 315 320  
Gly Ala Tyr Asn Gly Thr Ser Met Ala Thr Pro His Val Ala Gly Ala  
325 330 335  
Ala Ala Leu Ile Leu Ser Lys His Pro Thr Trp Thr Asn Ala Gln Val



Arg	Asp	Arg	Leu	Glu	Ser	Thr	Ala	Thr	Tyr	Leu	Gly	Asn	Ser	Phe	Tyr
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<210> 4  
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 <213> Bacillus Subtilis

<400> 4

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			20				25					30			
Ser	Ser	Thr	Glu	Lys	Lys	Tyr	Ile	Val	Gly	Phe	Lys	Gln	Thr	Met	Ser
		35				40					45				
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	50				55						60				
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65				70					75					80	
Asp	Glu	Lys	Ala	Val	Lys	Glu	Leu	Lys	Lys	Asp	Pro	Ser	Val	Ala	Tyr
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Val	Glu	Glu	Asp	His	Ile	Ala	His	Glu	Tyr	Ala	Gln	Ser	Val	Pro	Tyr
			100					105					110		
Gly	Ile	Ser	Gln	Ile	Lys	Ala	Pro	Ala	Leu	His	Ser	Gln	Gly	Tyr	Thr
		115				120						125			
Gly	Ser	Asn	Val	Lys	Val	Ala	Val	Ile	Asp	Ser	Gly	Ile	Asp	Ser	Ser
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His	Pro	Asp	Leu	Asn	Val	Arg	Gly	Gly	Ala	Ser	Phe	Val	Pro	Ser	Glu
145				150						155					160
Thr	Asn	Pro	Tyr	Gln	Asp	Gly	Ser	Ser	His	Gly	Thr	His	Val	Ala	Gly
			165						170				175		
Thr	Ile	Ala	Ala	Leu	Asn	Asn	Ser	Ile	Gly	Val	Leu	Gly	Val	Ala	Pro
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Ser	Ala	Ser	Leu	Tyr	Ala	Val	Lys	Val	Leu	Asp	Ser	Thr	Gly	Ser	Gly
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Gln	Tyr	Ser	Trp	Ile	Ile	Asn	Gly	Ile	Glu	Trp	Ala	Ile	Ser	Asn	Asn
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Leu	Lys	Thr	Val	Val	Asp	Lys	Ala	Val	Ser	Ser	Gly	Ile	Val	Val	Ala
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Tyr	Pro	Ala	Lys	Tyr	Pro	Ser	Thr	Ile	Ala	Val	Gly	Ala	Val	Asn	Ser
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Met	Ala	Pro	Gly	Val	Ser	Ile	Gln	Ser	Thr	Leu	Pro	Gly	Gly	Thr	Tyr
305					310					315					320
Gly	Ala	Tyr	Asn	Gly	Thr	Ser	Met	Ala	Thr	Pro	His	Val	Ala	Gly	Ala
			325					330					335		
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<211> 1146  
<212> DNA  
<213> Bacillus Subtilis

<400> 7

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